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12.40.S Multiperipheral and multi-Regge models

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12.40.V Vector-meson dominance

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12.70.+ Hadron mass formulas

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13. SPECIFIC REACTIONS AND PHENOMENOLOGY

13.10.+ Weak and electromagnetic interactions of leptons (including interactions involving cosmic rays)

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13.15.+ Neutrino interactions (including reactions involving cosmic rays)

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13.30.– Decays of baryons

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13.70.– Hadron-induced low- and intermediate-energy reactions and scattering, energy≤1 GeV

13.70.C Nucleon–nucleon, including antinucleon, deuteron, etc.

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13.70.L Meson–meson

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13.80.– Hadron-induced high- and super-high-energy interactions, energy≥1 GeV

Multi–Regge analysis of the reactions $pp \to pn\pi^+$ and $pp \to pp\pi^+\pi^-$ with allowance for baryon exchanges —Yu. I. Arestov, A. M. Moiseev, and K. A. Ter–Martirosyan. **19**(3), 344–50 (Sep. 1974); CPM-7411X0344

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13.80.F Inelastic scattering, two-particle final states

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13.80.H Inelastic scattering, many-particle final states

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13.80.K Inclusive reactions (including total cross sections)

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21.10.D Binding energy and masses

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25. NUCLEAR REACTIONS AND SCATTERING, SPECIFIC REACTIONS

25.10.+ Nuclear reactions and scattering involving few-nucleon systems ($A \leq 4$)

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25.20.+ Photonuclear reactions and scattering ($A \geq 5$)

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25.30.+ Lepton-induced reactions and scattering ($A \geq 5$)

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25.40.– Nucleon-induced reactions and scattering ($A \geq 5$)

25.40.C Elastic proton scattering

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25.40.D Elastic neutron scattering

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25.40.E Inelastic proton scattering and (p, n) reactions

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25.40.F Inelastic neutron scattering and (n, p) reactions

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25.40.H (N, d), (N, t), (N, ^{3}He), and (N, α) reactions

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25.40.L Radiative capture

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25.40.P Reactions and scattering at energies ≥100 MeV

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25.50.– ^{2}H- and ^{3}H-induced reactions and scattering ($A \geq 5$)

Study of excited states of ^{31}P with the aid of the reaction ^{33}S(d, α)^{31}P —E. D. Teterin, S. V. Khlebnikov, Yu. A. Nemilov, V. S. Romanov, and K. A. Gridnev. **19**(1), 5–9 (Jul. 1974); CPM-7411X0005

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25.60.– ^{3}He- and ^{4}He-induced reactions and scattering ($A \geq 5$)

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Investigation of the mechanism of backward scattering of α particles by light nuclei —B. I. Kuznetsov and I. P. Chernov. **20**(4), 340–3 (Apr. 1975); CPM-7505X1638

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25.70.+ Heavy-particle-induced reactions and scattering ($A \geq 5$)

Possibility of synthesis of isotopes of transuranium elements in incomplete fusion reactions induced by heavy ions —A. G. Artyukh, V. V. Volkov, G. F. Gridnev, A. S. Il'inov, and V. L. Mikheev. **19**(1), 28–32 (Jul. 1974); CPM-7411X0028

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25.80.+ Meson- and hyperon-induced reactions and scattering ($A \geq 5$)

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27.90.+ $220 \leq A$

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